## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Sang-Hung SEO, et al.

Serial No.

Filed:

August 28, 2003

For:

SEMICONDUCTOR DEVICE AND METHODS OF

MANUFACTURING THE SAME

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. \$1.56

Commissioner for Patents Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 (or PTO-1449, *modified*) is a listing of a document(s) known to applicant in order to comply with applicant's duty of disclosure pursuant to 37 C.F.R. §1.56.

A copy of each listed document is being submitted to comply with the provisions of 37 C.F.R. §§1.97 & 1.98.

A copy of each listed non-U.S. patent and/or patent publication and cited literature is being submitted to comply with the provisions of 37 C.F.R. §§1.97 & 1.98. Cited U.S. patents and patent publications are *not* attached in accordance with the waiver set forth in the Notice by the Deputy Commissioner for Patent Examination Policy dated July 11, 2003, applicable to applications having a U.S. filing date *after* June 30, 2003.

\* \* \*

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application. Applicant does not waive any rights to take any action that would be appropriate to

antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

Ø	The listed document(s) is/are being submitted in compliance	with 37 C.F.R.		
1.97(b)(3): su	bmission before the mailing date of the first action on the merits. [E	Box checked if applicable.]		
	The foregoing document came to applicant's attention during t	he prosecution of		
their correspon	nding application.   A copy of the	Search Report is		
also attached.	[Box(es) checked if applicable.]			
	CERTIFICATION			
	The undersigned hereby certifies in accordance with 37 CFR §1.	.97(e)(1) that each		
item of info	rmation contained in this Information Disclosure Statement	was cited in a		
communication	n from a foreign patent office in a counterpart foreign application n	ot more than three		
(3) months pri	or to the filing of this Statement. [Box checked if applicable.]			
	* * *			
	Applicant respectfully requests that the listed document(s) be	considered by the		
Examiner and	be made of record in the present application and that an initia	led copy of Form		
PTO/SB/08 be	e returned in accordance with MPEP §609.			
	* * *			
	FEE PAYMENT			
	The fee mandated by 37 C.F.R. §1.17(p) is believed applicable. [	Box checked if applicable.]		
	Attached is a check in payment of this fee (\$180.00). [Box checked if a	ipplicable.]		
	This fee may be charged to Deposit Account No. 50-1645. (A duplicate copy			
	this paper is enclosed.) [Box checked if applicable.]			
	Respectfully submitted,			
	<del></del>			
		_		
August 28, 20		The same		
Date	Eugene M. Lee Registration No. 32,039			

LEE & STERBA, P.C. 1101 WILSON BOULEVARD, SUITE 2000 ARLINGTON, VA 22209 703.525.0978 TEL 703.525.4265 FAX

## DEPOSIT ACCOUNT CHARGE AUTHORIZATION

If fee payment is enclosed, this amount is believed to be correct. However, the Director is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-1645.

Any additional fee(s) necessary to effect the proper and timely filing of the above-paper may also be charged to Deposit Account No. 50-1645.

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Substitute for form 1449/PTO		Complet if Known			
		Application Number			
INIC	ODMATION DISCLOSURE	Filing Date	August 28, 2003		
	ORMATION DISCLOSURE	First Named Inventor	Sang-Hun SEO, et al.		
STA	ATEMENT BY APPLICANT	Art Unit			
(Use as many sheets as necessary)		Examiner Name			
Shoot	of	Attorney Docket Number	242/125		

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> (* known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	<del>                                     </del>	<sup>US-</sup> 4,949,136	08/14/1990	JAIN	
	<b> </b>	<sup>US-</sup> 5,015,595	05/14/1991	WOLLESEN	
		US-	<u> </u>		
		US-			
	<del>                                     </del>	US-			
	1	US-			10 2011-007
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	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			<b>™</b>
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Examiner	 Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. \(^3\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \(^5\) Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \(^6\) Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.